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## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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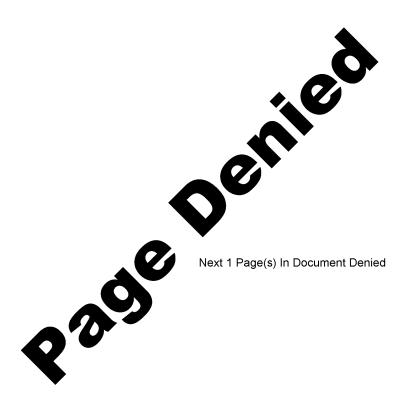
## CENTRAL INTELLIGENCE AGENCY

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OUNTRY	USSR	REPORT		
UBJECT	1. Ordzhonikidze Power Combine	DATE DISTR.	5 MAY	1960
	2. Uzhgorod Power Combine 3. Armenian Power System	NO. PAGES	1	
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The Ordzhonikidze within the Souther	ORDZHONIKIDZE POWER COMBINE     UZHGOROD POWER COMBINE
within the Souther	. Armenian power system
building of the M	
a. The Ordzhoniki	didze hydroelectric power station (GES), located on the
the capital of	on the outskirts of Ordzhonikidze, formerly Dzaudzhikau,  the Severo-Osetinskaya ASSR. Its installed capacity  kilowatts or 7,400 KVA and the average output was  lowatts.
actons. It he	the dam and reservoir were very small. The sation was outdoors. The GES had no underground installed two steel conduits about 100 meters long;  The head was about 25 meters. The laws made of reinforced concrete and measured about
two kilometers	long;
had two 3,000-	kilowatt vertical turbines of unidentified foreign make.
average of 3.7	The GES was built to supply electrical city of Ordzhonikidze
or any of the	No foreigners worked at this station others described below.
or Graer (N 43	aya GES, located on an unidentified river near the town -02, E 44-34), about 12 kilometers east of Ordzhonikidze. ere horizontal, Pelton type, manufactured in the Stalin t in Leningrad.
	50X1-HUM
c. Ezminskaya GES, 20 kilometers a this GES had	on the Terek River, near the town of Ezminges. about of Ordzhonikidze.  30,000-kilowatt vertical Francis turbines
built in the Unwas located in	Talskiy mashinnostroitelnyy zavod, which Uralsk. This GES had no reservoir
about 20 kilome	it used water from the Ordzhonikidzevskaya GES, eters away. Each generating unit had a capacity of 37,000 eformer station was outdoors. The GES had no underground
about 200 meter	s. The diversion canal was made of reinforced concrete.  The GES had two or three
generators, eac	vertical Francis turbines. The GES had two or three h driven by a turbine.
stalled in late	The turbines and generators were in-
was for both ur	ban and industrial use
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		- <b>J</b> -
2.	The Ele	e Uzhgorod Power Combine, which was subordinate to the Ministry of ectric Power Stations, was composed of the following power stations:
	a.	Uzhgorodskaya GES, located on the Uzh River, in Uzhgorod. Its office was located in the city 50X1-HUM
		acity in KVA was 2,800.
		the average output, or the capacity of the reservoir.
		underground installations. The dam was of reinforced concrete, was
		about three meters high, and was a free flow type. There were no 50X1-HUM conduits. The drop between the station and the river was about ten
		meters. The diversion canal had been excavated in the earth and was partly of reinforced concrete.
		The GES had two vertical Kaplan turbines, one of 1,500 and the other of 750 kilowatts. Both had been manufactured in an
		unidentified foreign country.  The GES had two turbine-driven gener-
		ators, one of which had been built in an unidentified foreign country.  One had a capacity of 1,875 KVA; the other had a capacity of 925 50X1-HUM
		KVA. Both turbines and generators had been installed before World War II.
		dustrial use He thought it was transmitted over a great distance.
	ъ.	Uzhgorod thermoelectric power station (TETs), located in Uzhgorod.  Its installed capacity was about 3,000 kilowatts. The station burned coal transported from an unknown point. The transformer station was outdoors.
	c.	Uzhgorodskaya 2-ya GES, located on the Uzh River, about four or five
		kilometers upstream from the city of Uzhgorod. The installed capacity was between about 2,500 and 3,000 kilowatts. The transformer
		station was outdoors. There were no conduits. The drop between the station and the river was about eight meters. The canal was the same
		as that of the Uzhgorodskaya GES and was partly earth and partly reinforced concrete. The GES had two vertical Kaplan turbines from an unidentified foreign country.
√3•	The	Armenian Power System (Upravlenive Armenergo), was subordinate to 50X1-HUM
	loca	Ministry of Electric Power Stations. The office of the grid was ated in Yerevan (N 40-11, E 44-30). The system consisted of the Lowing electric power stations:  50X1-HUM
114	a.	Kanaker. It was considered secret;
		an installed capacity of 80,000 kilowatts, an average output of 80,000 kilowatts, and four generating units. The output in KVA was
		was outdoors. The GES had no underground installations. It had two
		steel conduits about 300 meters long, each of a different unspecified diameter. The drop between the station and the river was about 200 meters. The diversion canal was of reinforced concrete.
	Ļ	The GES had four or six vertical Francis turbines, two of which had a capacity of 25,000 kilowetts, and
		two a capacity of 15,000 kilowatts. They had been built in the Stalin machinery plant in Leningrad.
		50X1-HUM
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